

ABSTRACT

5 A composition is disclosed from controlling an insect population including an insect food
stuff and an insecticidally effective amount of at least one Gram negative bacteria, viable, dead or
alive, and/or an extract thereof, where the composition is applied to an area accessible to the insects
and results in insect death. The compositions are ideally suited for the control of fire ants,
cockroaches, carpenter ants and termites. For fire ant and cockroach control, the food stuff is a
carbohydrate rich material, while for carpenter ant and termite control, the food stuff is a cellulosic
rich material. The composition is applied to the area as a single treatment or as a periodic treatment
in an amount have from about 5×10^9 to about 1×10^{13} bacteria or extracts from that number of
bacteria.